

1   **ABSTRACT OF THE DISCLOSURE**

2           A generator generates electricity when the generator is pressed and has  
3   a stator, a rotor, a drive shaft, a biasing member and a top cover. The rotor is  
4   mounted in the stator and has a central hole with at least one key. The drive shaft  
5   is slidably mounted in the central hole in the rotor base and has at least one spiral  
6   groove in which the at least one key on the rotor is mounted. The biasing  
7   member is mounted between the base and the drive shaft to provide a restitution  
8   force to the drive shaft when the drive shaft is pressed down manually. The top  
9   cover has a central bore through which the top of the drive shaft non-rotatably  
10   extends. Accordingly, movement of the drive shaft causes the rotor to rotate  
11   relative to the stator and generate electricity.